

Abstract

The invention relates to a device (2) for measuring the luminous intensity of radiation, comprising a photomultiplier (4) which has a photoelectric input cathode and a calibration source (5). Said calibration source is adapted to emit radiation of a constant intensity towards said photoelectric cathode. According to the inventive method, the measurement for the radiation of the calibration source. The advantages of the invention include the elimination of fluctuations and/or deviations of the photomultiplier gain. The invention can be advantageously used with pulsed X-rays.